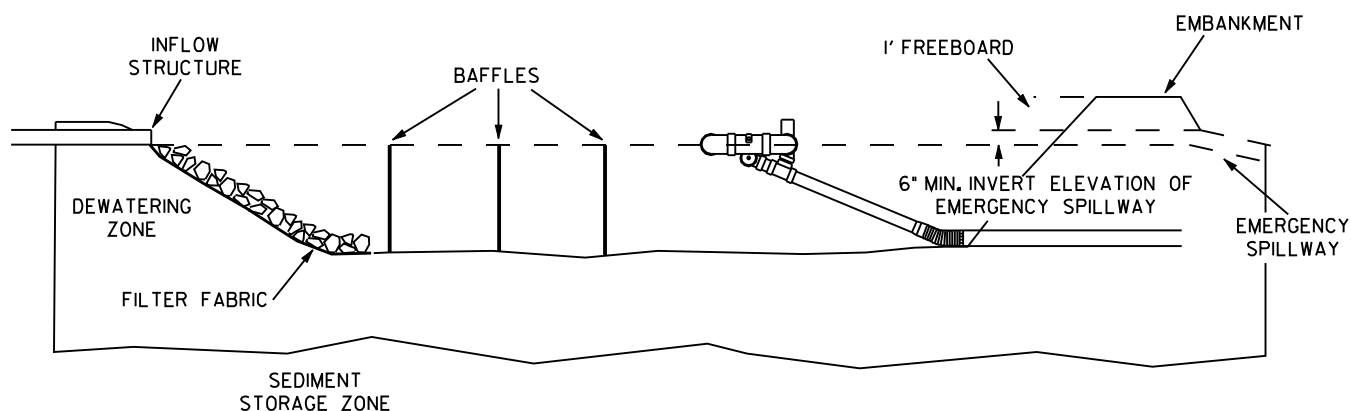
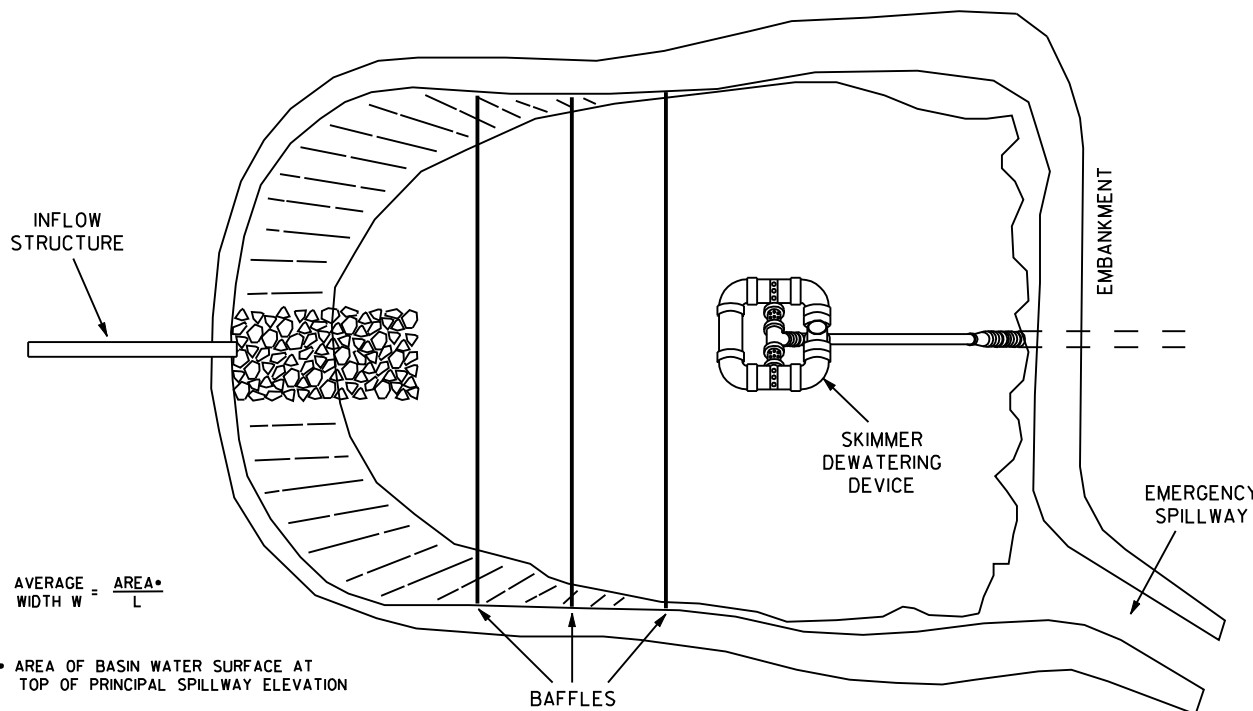


PLAN VIEW



CROSS-SECTION VIEW

DESIGN CRITERIA

SUMMARY:

PRIMARY SPILLWAY:

MAXIMUM DRAINAGE AREA:

MINIMUM VOLUME:

MINIMUM SURFACE AREA

MINIMUM L/W RATIO:

MAXIMUM L/W RATIO:

MINIMUM DEPTH:

DEWATERING MECHANISM:

MINIMUM DEWATERING TIME:

BAFFLES REQUIRED:

DESIGN LIFE:

TEMPORARY SEDIMENT BASIN

TRAPEZODIAL SPILLWAY WITH IMPERMEABLE MEMBRANE

10 ACRES

1800 CUBIC FEET PER ACRE OF DISTURBED AREA

325 SQUARE FEET PER CFS OF Q_{10} PEAK FLOW

2:1

6:1

2 FEET

SKIMMER

24 HOURS

3 BAFFLES

LESS THAN 3 YEARS

SHEET 3 OF 3

CITY OF RALEIGH
PUBLIC WORKS DEPARTMENT

| REVISIONS | DATE: 7/11/07 | DRAWN BY: WDP |
|-----------|---------------|------------------------|
| | | SKIMMER SEDIMENT BASIN |
| | | STD. # 40.36 |